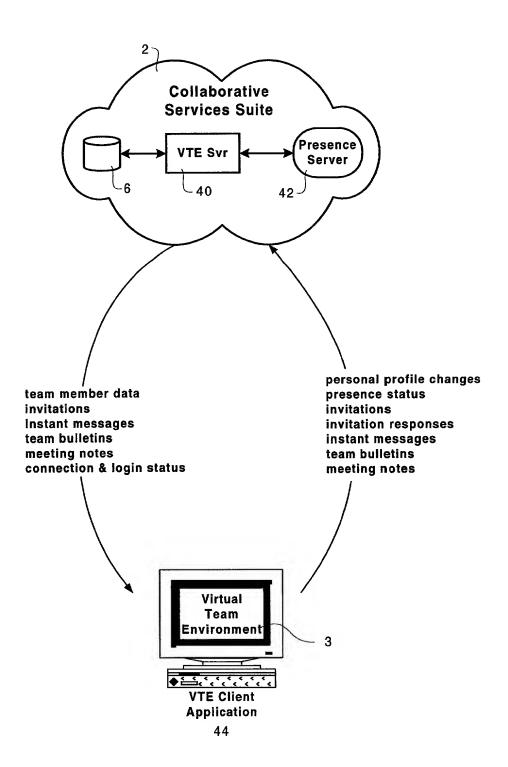
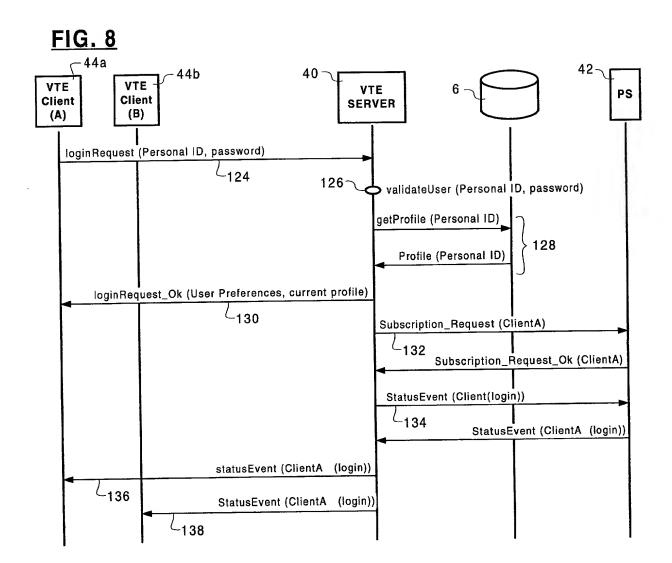


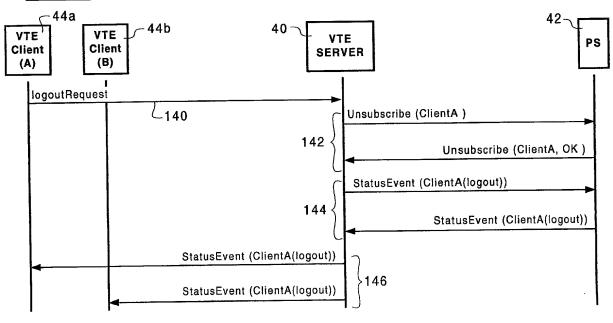
FIG. 6

## **FIG.** 7



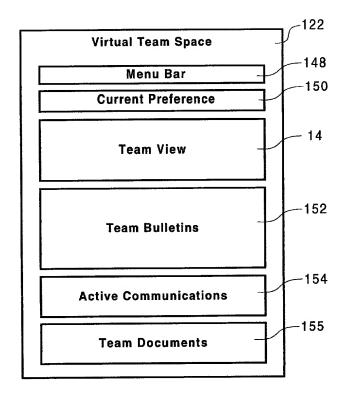






1

FIG. 10



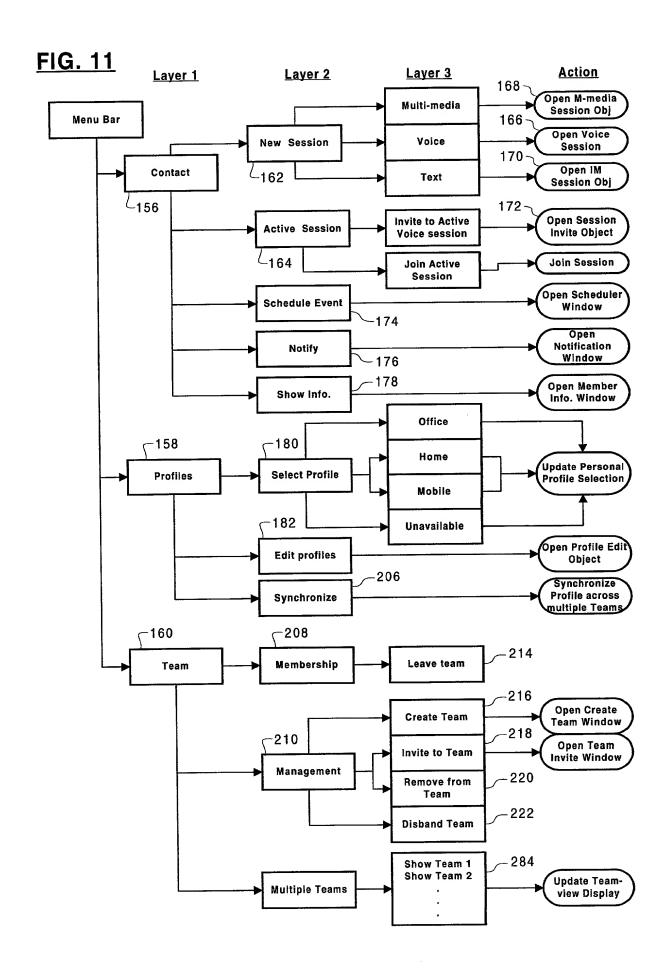
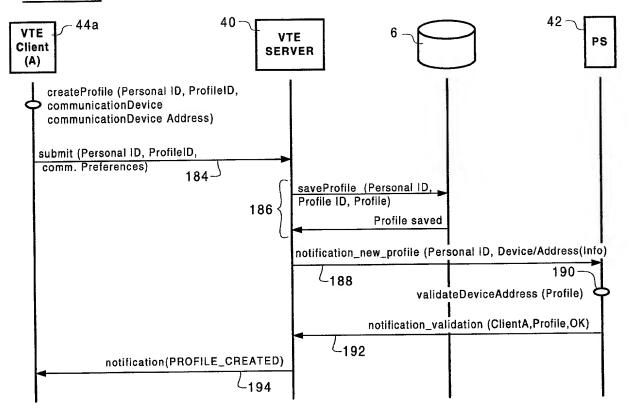
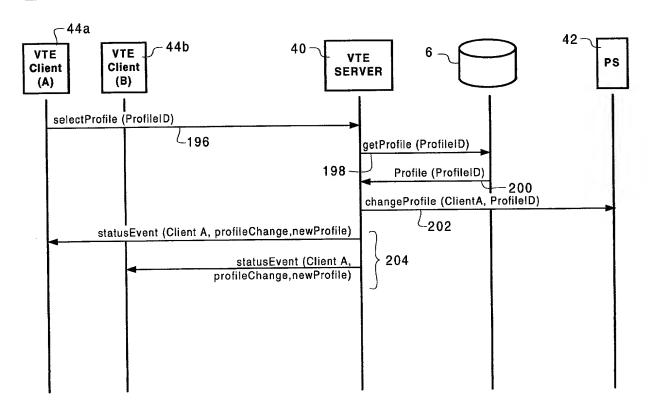


FIG. 12



## FIG. 13



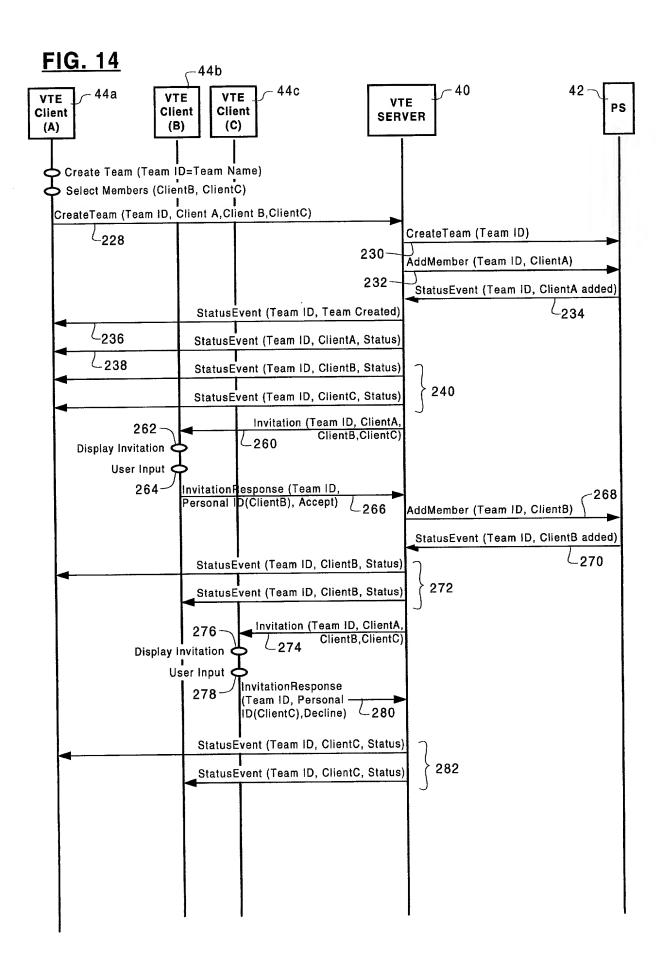


FIG. 15

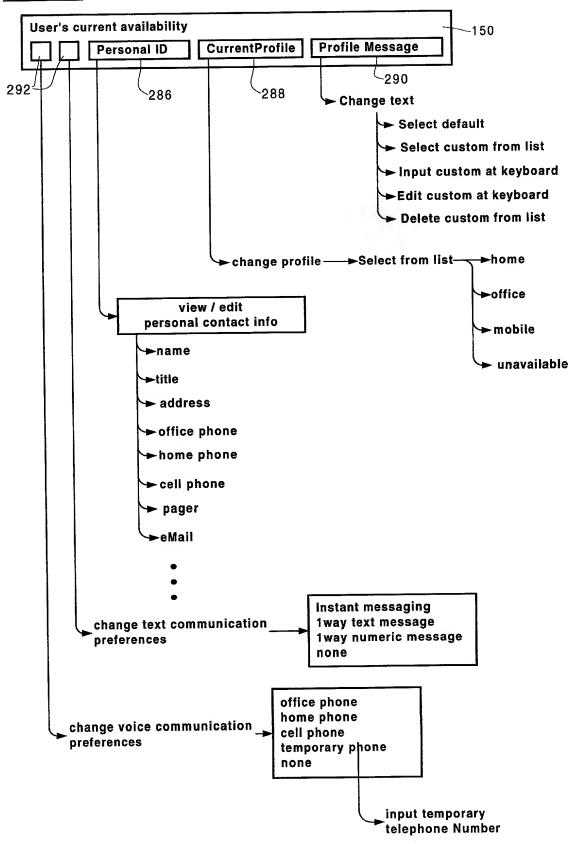


FIG. 16

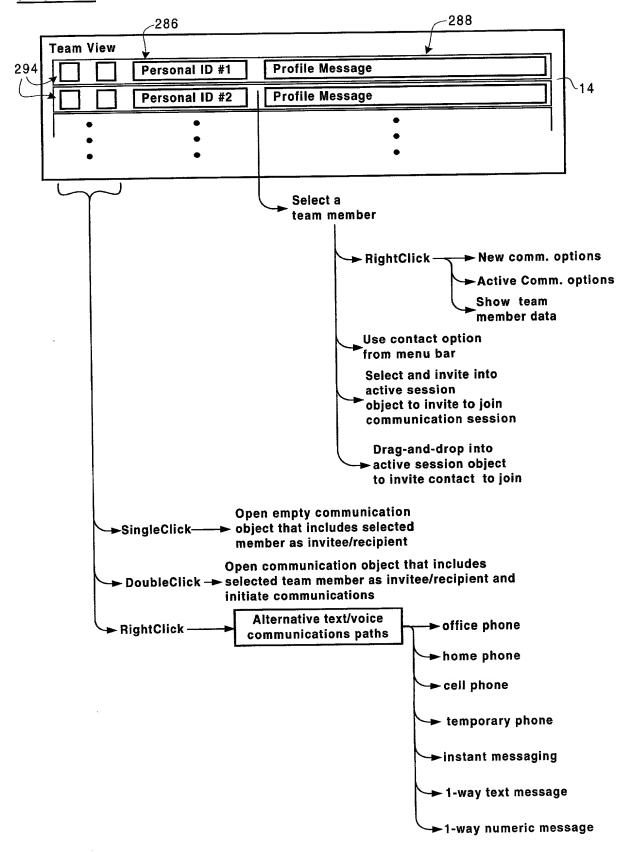
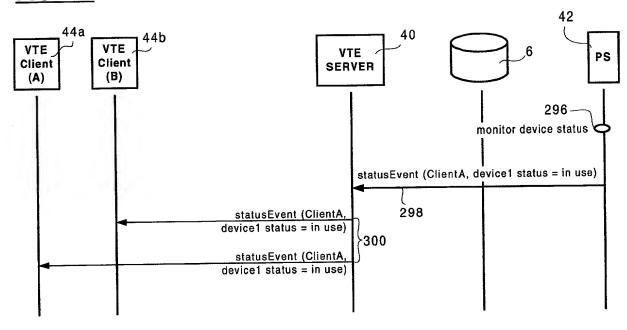


FIG. 17



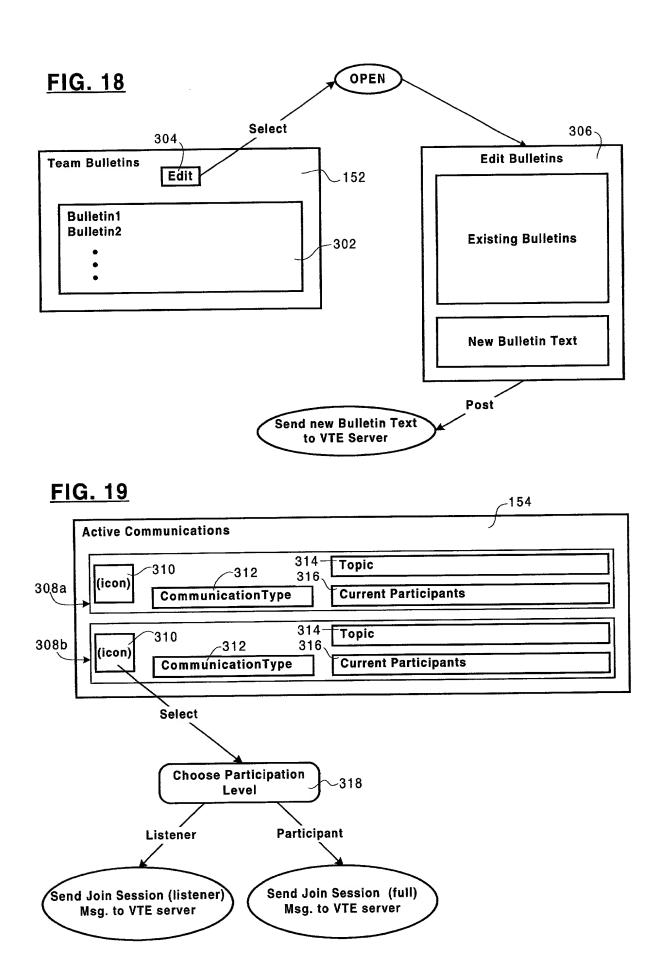
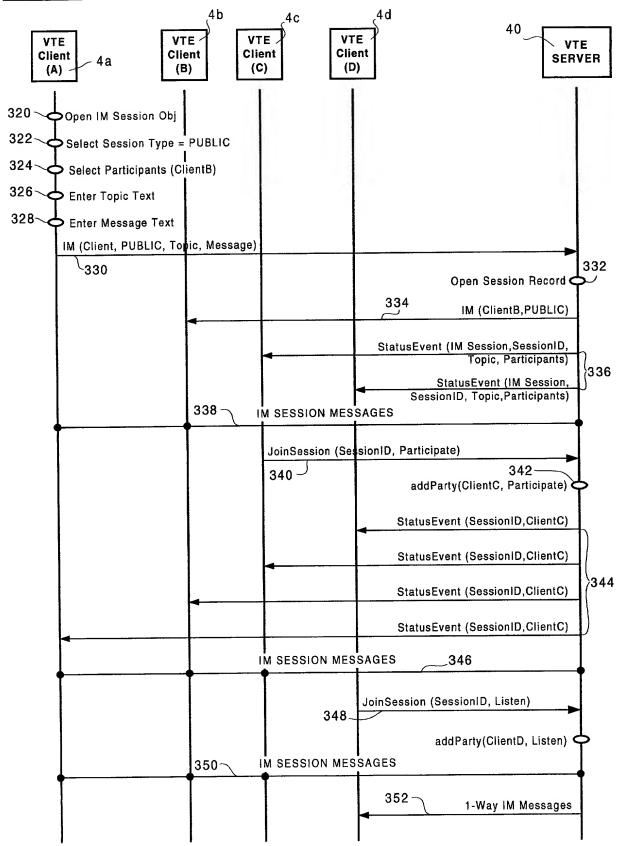
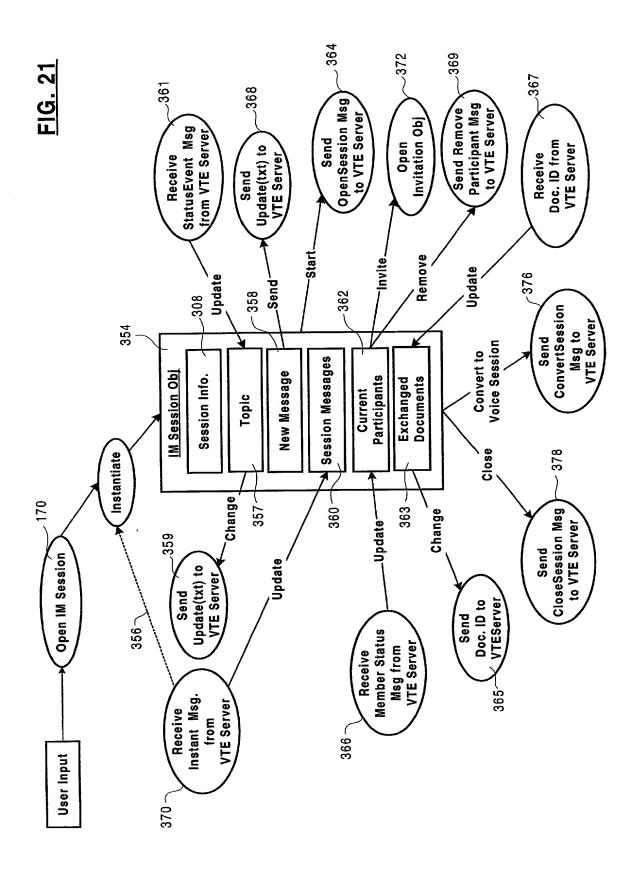
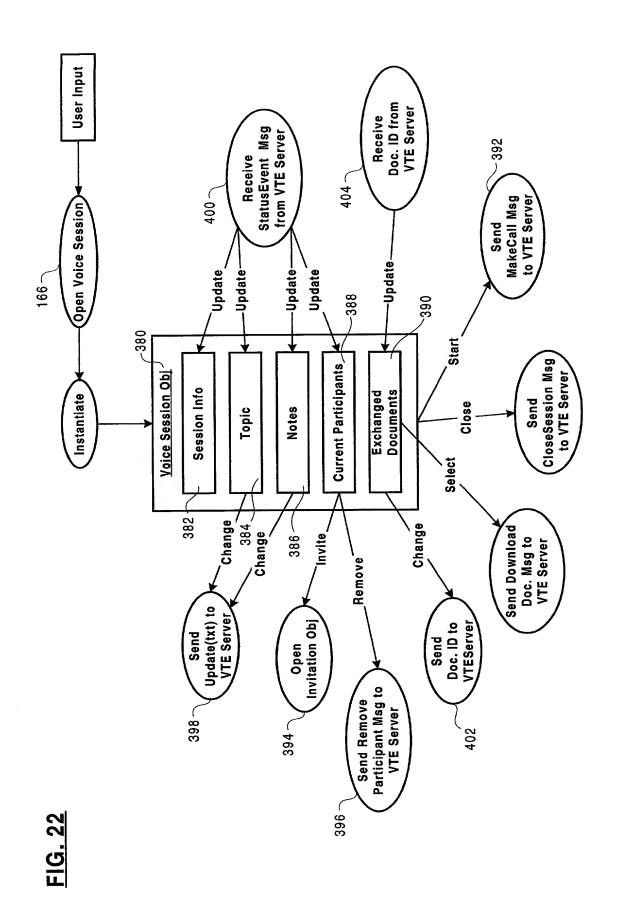
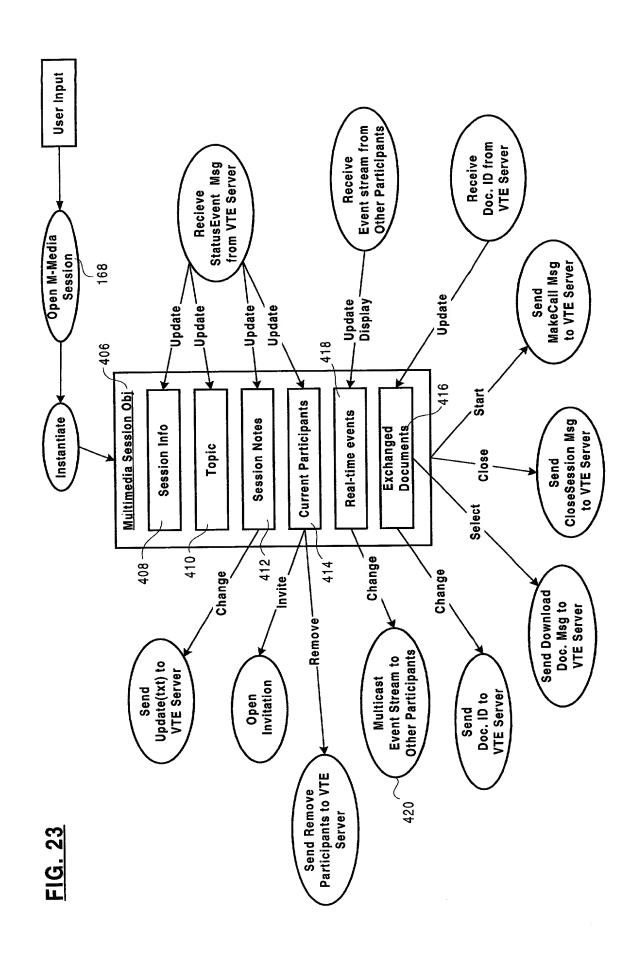


FIG. 20









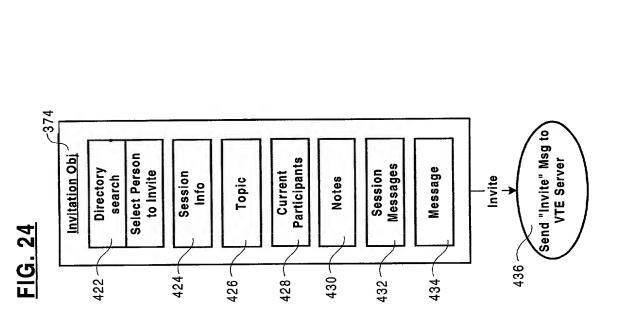


FIG. 25

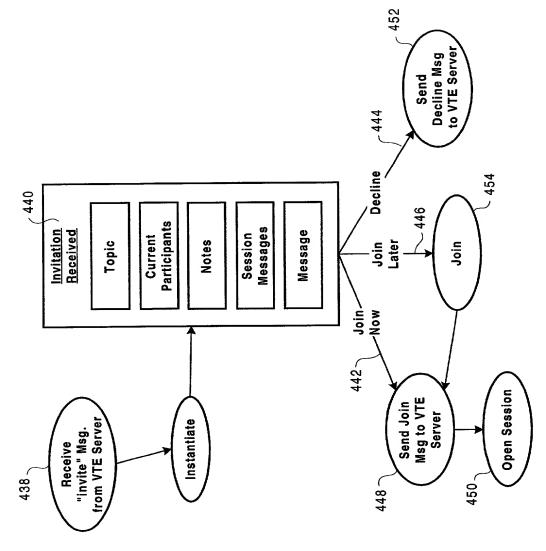
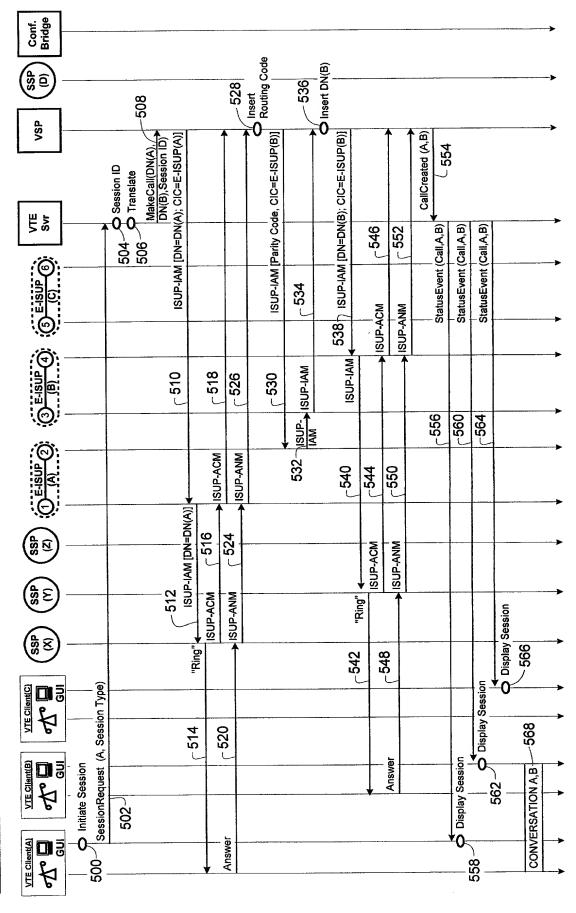


FIG. 26 Set Up 2-Way Voice Communications Session

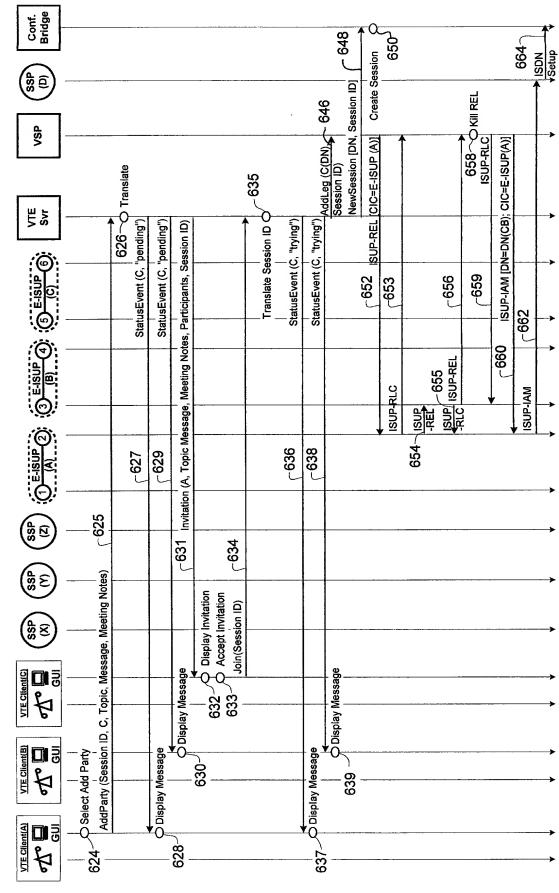


Conf. Bridge SSP) A Archive Voice Comm. Session 576 VSP SessionClosed (A,B) ISUP-REL [CIC=E-ISUP(A)] ISUP-RLC ISUP-REL [CIC=E-ISUP(B)] ISUP-REL [CIC=E-ISUP(A)] -610 CloseSession (Session ID) VTE Svr Status Event (Sesssion Type, A, B, Closed) StatusEvent (Session Type, A, B, Closed) StatusEvent (Session Type, A, B, Closed) **602** ISUP-RLC -594 969 588 290 ISUP-REL 580 ISUP-RLC ISUP-REL ISUP- 591 REL 578 ISUP-RLC -604 909 592 ISUP-RLC \_612 616 620 idle line ISUP-RLC ISUP-REL  $^{c}$ SSP (Z) -584SSP ISUP-RLC A Remove Session SS (X) idle line 572 809<sub>U</sub> G18 Remove Session VTE Client(C) 586 Select Close Session VTE Client(B) Close(Session ID) A Remove Session VTE CHONTIAL

SUI 570

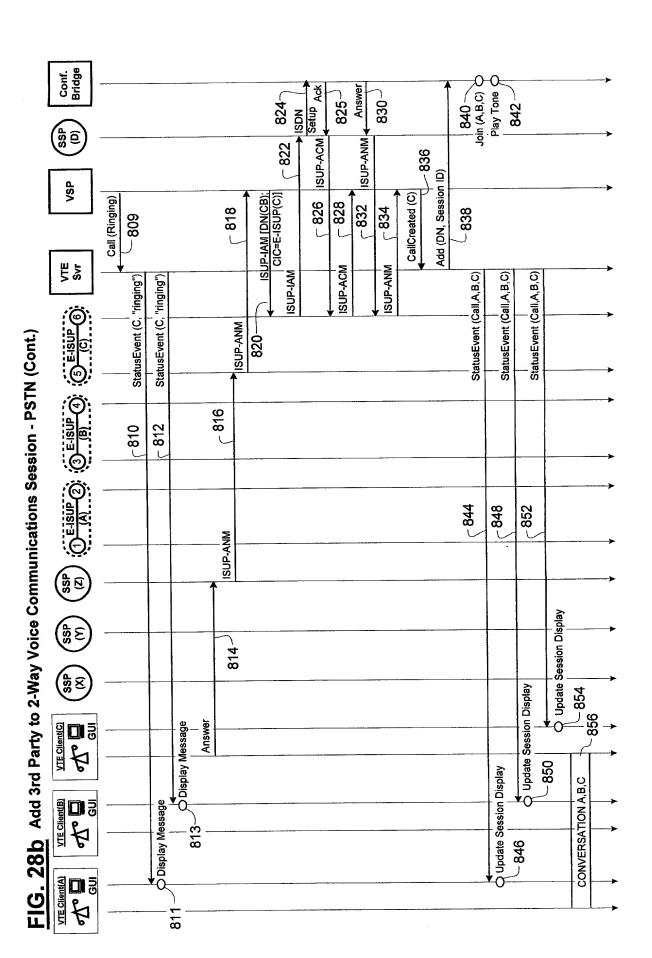
FIG. 27 Close 2-Way Voice Communications Session

Add 3rd Party to 2-Way Voice Communications Session - PSTN **78** FIG.



069 Conf. Bridge Play Message 🖒 Join (A,B) C Play Tone C Answer Answer  $^{\circ}$  665 693 800 969 SS (a) ISUP-ANM ← ISUP-ANM 47 ISUP-ACM ISUP-ACM Add (DN, Session ID) VSP 678 CallCreated (A) CaliCreated (B) ISUP-IAM [DN=DN(C); CIC=E-ISUP-IAM [DN=DN(CB); CIC=E-ISUP(B)] 692 808 999 -672 200 904~ VTE Svr 804 704 ISUP-ACM 702 989 **694** € 674 999 ISUP-IAM 989 ISUP-ACM ISUP-ANM ISUP-IAM 807 ISUP-ACM ISUP-ANM (O E-ISUP (A) 805 ISUP-ACM SS (Z) "Ring" SS E 806 SS X VIE Clientic) -803 VTE Client(B) CONVERSATION A,B VTE Client(A)

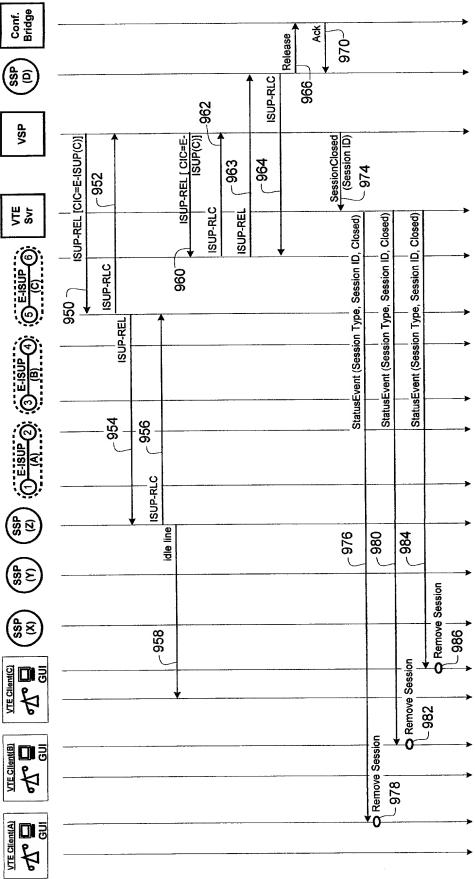
Add 3rd Party to 2-Way Voice Communications Session - PSTN (Cont.) **28a** EG.

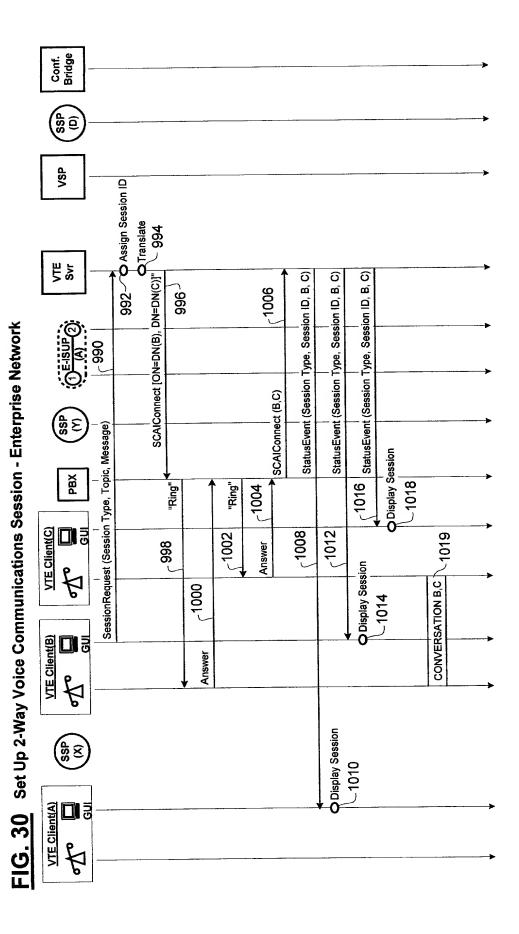


Conf. Bridge 948 946 \\ Release \rangle Ack Aç 922 Release 924 SSP (D) ISUP-RLC ISUP-RLC 904 Archive Comm. Session VSP CloseSession (Session ID) ISUP-REL [CIC=E-ISUP(A)] ISUP-REL [CIC=E-ISUP(B)] ISUP-REL [CIC=E-ISUP(A)] ISUP-REL [CIC=E-ISUP(B)] 942 930 Syr Syr 902~ (O E-ISUP (O) 940 918 919 920 938 944 928 ISUP-RLC 916 ISUP-REL ISUP-RLC SUP-REL 806 L 906 ISUP-REL ISUP-RLC ISUP-RLC -932 934 ISUP-REL SSP (Z) 912 ISUP-RLC (gg E 910 ISUP-RLC idle line (SS SS 900 idle line 936 VTE CIlentical 1914 Select Close Session Close(Session ID) VTE Client(B) T S VTE Client(A) 858

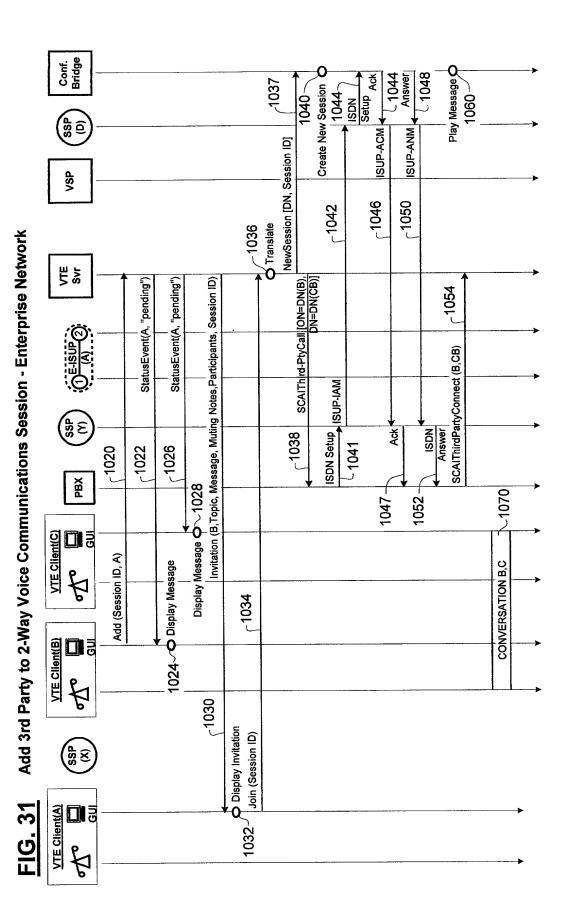
FIG. 29 Close 3-Way Voice Communications Session

Close 3-Way Voice Communications Session (Cont.) FIG. 29a





osystem is the second



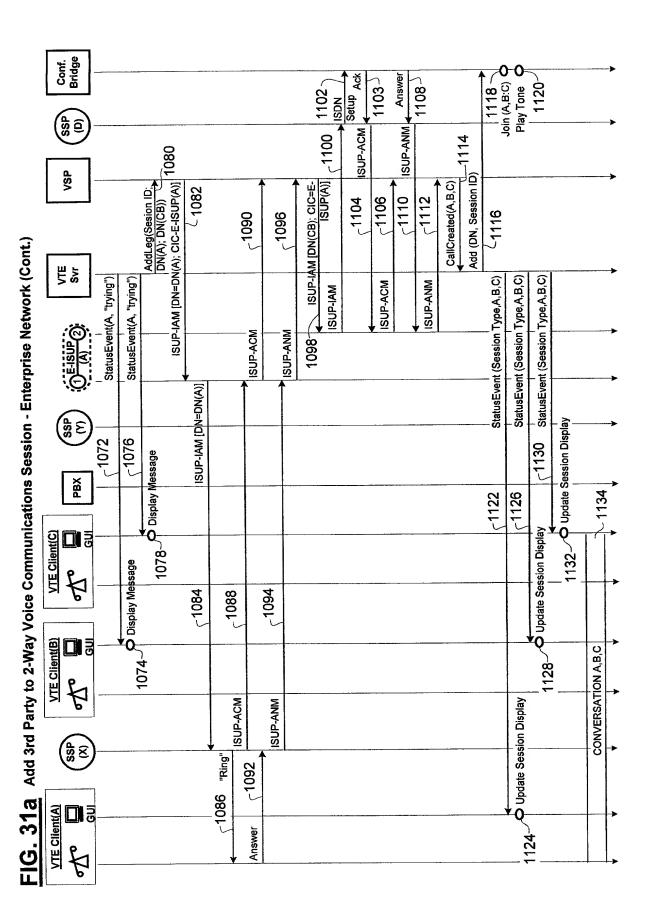
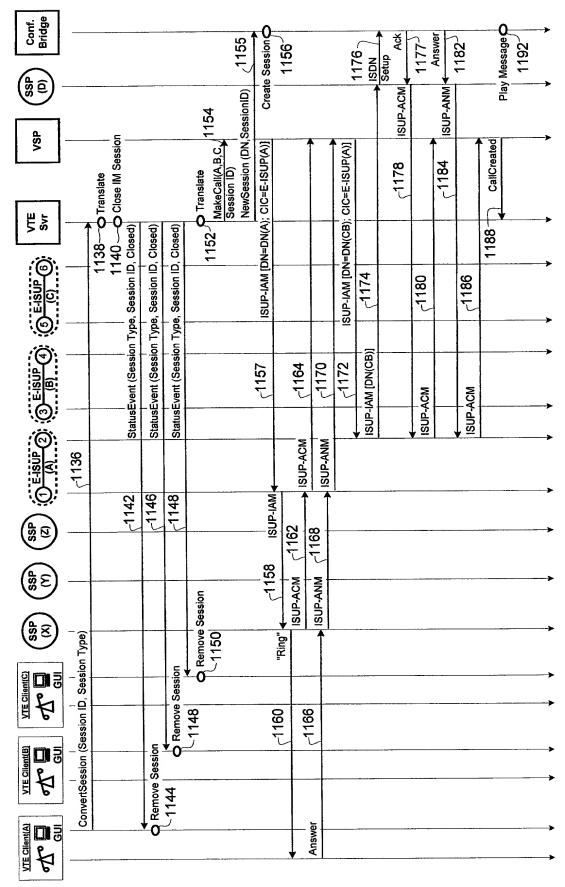


FIG. 32 Convert 3-Way IM Session to 3-Way Voice Communications Session



Conf. Bridge 1230 Join A,B Play Tone Answer 1215 1220 1232 NOSI 1228 SSP) ISUP-ANM▲ ISUP-ACM VSP Add (DN, SessionID) CallCreated (B, ISUP-IAM [DN=DN(CB); CIC=EISUP(B)] ISUP-IAM [DN=DN(B); CIC=E-ISUP(B)] 1222 1216 1194 SY. 7202 1226 1208 (GEISUP (G) -1218 1224 ISUP-IAM [DN(CB)] (1212 Convert 3-Way IM Session to 3-Way Voice Communications Session (Cont.) ISUP-ACM ISUP-ANM ISUP-IAM 1210 ISUP-ACM ISUP-ACM (O E-ISUP (C) ر1196 ر1200 -1206 SSP (Z) ISUP-ACM ISUP-ANM (gg S "Ring" SS SS 1198 -1204 VTE Client(C) CONVERSATION A.B 1234 VTE ClientiB) Answer 32a VTE Cilent(A) FIG.

Conf. Bridge 1274 Join A,B Play Tone Ąċ Answer 1257 1276 1256 1262 Setup NOSI SSP (D) ISUP-ACM ISUP-ANM 1272<sub>7</sub> 12547 VSP CaliCreated (A,B,C) ISUP-IAM [DN=DN(C);CIC=E-ISUP(C)] ISUP-IAM [DN(CB); CIC=E-ISUP(C)] 1258<sub>7</sub> 1250<sub>7</sub> 1260<sub>7</sub> 1264<sub>7</sub> 1268<sub>7</sub> **1244**7 1236 왕 ISUP-ACM ISUP-ANM ISUP-IAM 1270-StatusEvent (Call, A, B, C) StatusEvent (Call, A, B, C) StatusEvent (Call, A, B, C) 1252 ISUP-ACM ISUP-ANM FIG. 32b Convert 3-Way IM Session to 3-Way Voice Communications Session (Cont.) ISUP-IAM (O E-ISUP (B) \_1248 <sub>(1242</sub> (O E-ISUP (O) 1238 1278<sub>7</sub> 1282<sub>7</sub> 1286<sub>7</sub> ISUP-ANM ISUP-ACM SS [2] "Ring" ★ SSP ~1240 \_1246 O Display Session gs ⊗ 1290 O Display Session VTE Clientic Answer CONVERSATION A,B,C O Display Session VTE Client(B) VTE Client(A)

FIG. 33 Set-up 2-way Multi-Media Session

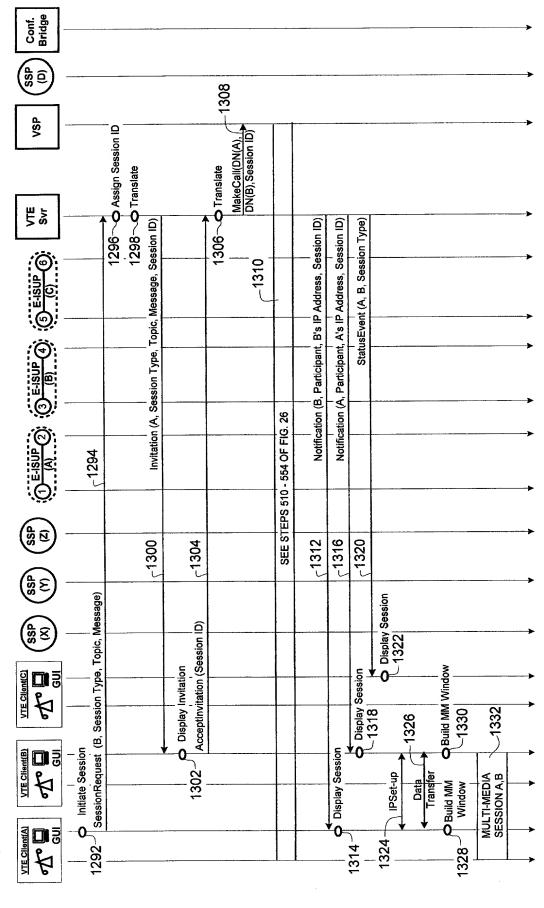


FIG. 34 Add 3rd Party to Multi-media Session

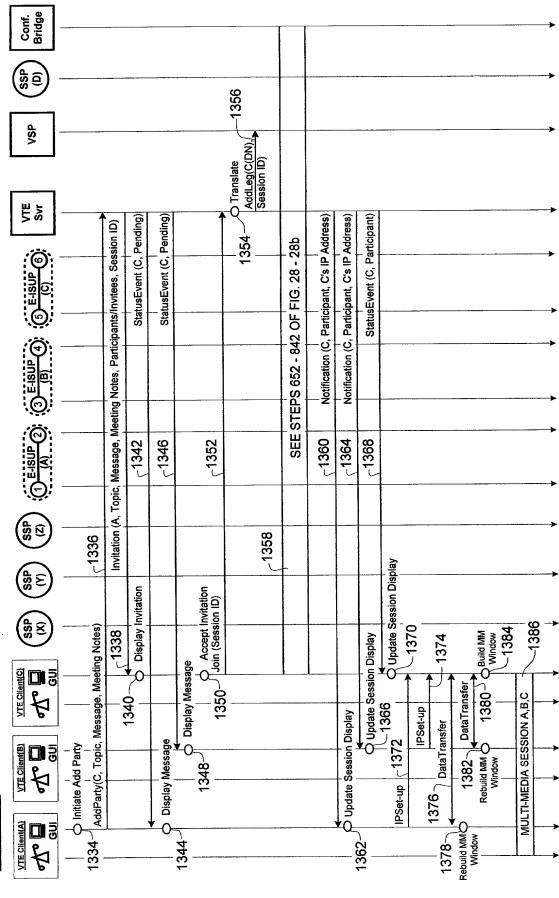
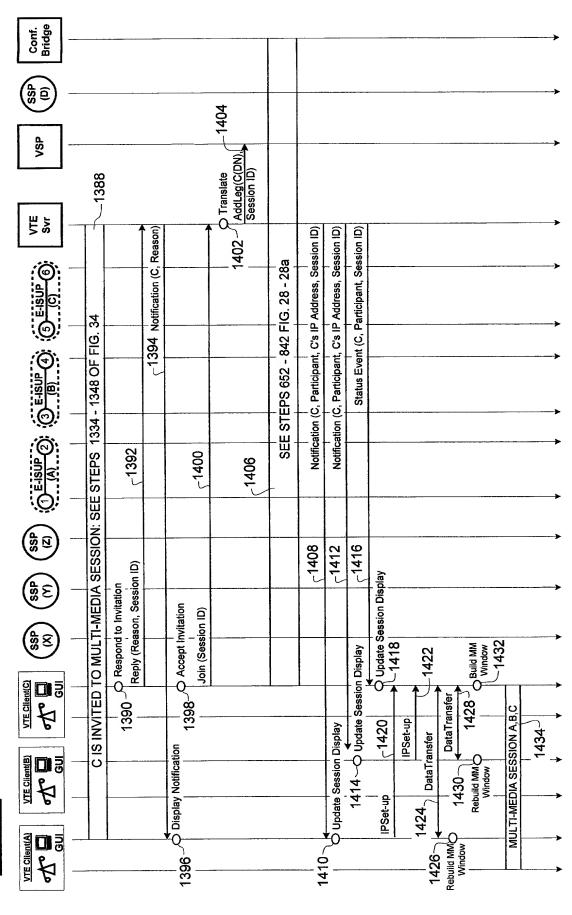
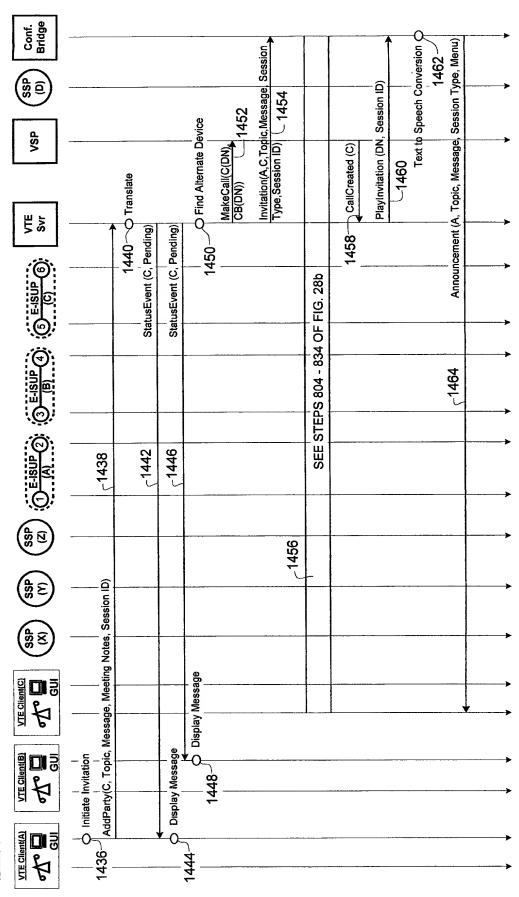


FIG. 35 Add 3rd Party to Multi-media Session (Deferred Acceptance)



Add 3rd Party to Multi-media Session (3rd Party Not Logged to VTE) FIG. 36



Add 3rd Party to Multi-media Session (3rd Party Not Logged on to VTE) (Cont.) FIG. 36a

